

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 16838-000320US

Assistant Commissioner for Patents
Washington, D.C. 20231



Jan 3, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: *Carmie Brown*

RECEIVED
JAN 17 2001
TO 3600 MAIL ROOM

#601
E. Harris
1/18/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Garold M. Muth

Art Unit: 3672

Application No.: 09/370,530

AMENDMENT

Filed: August 6, 1999

For: PUMP SYSTEMS AND METHODS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 10, 2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows (all claims are set forth for convenient reference):

- 1 1. (Amended) A pumping system comprising:
2 a pump barrel that is adapted to be placed into a well casing;
3 a plunger reciprocatably positioned within the pump barrel, wherein the plunger
4 has an open top end with a sharpened edge, a bottom end, and a traveling valve at the bottom
5 end;

25

Q